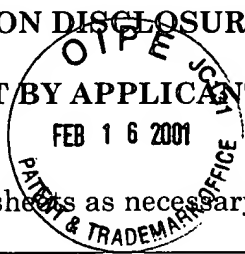


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Attorney Docket Number	36713/CAG/B600
Application Number	09/522,185
Filing Date	March 9, 2000
Applicant(s)	Henry Li, et al.
Group Art Unit	2748 2661
Examiner Name	To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SE</i>	4,617,676	10/1986	Jayant et al.	375	27	
<i>SE</i>	5,339,384	08/1994	Chen	395	2.2	

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS

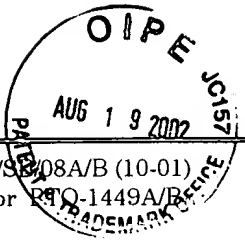
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE	<i>[Signature]</i>	DATE CONSIDERED	3/27/04
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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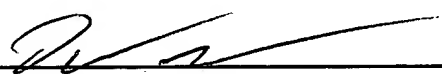
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<p>FORM PTO/SB-08A/B (10-01) Substitute for PTO-1449A/B</p> <p style="text-align: center;">INFORMATION DISCLOSURE</p> <p style="text-align: center;">STATEMENT BY APPLICANT</p> <p style="text-align: center;">(use as many sheets as necessary)</p>	Attorney Docket Number	36713/PAN/B600
	Application Number	09/522,185
	Filing Date	March 9, 2000
	Applicant(s)	Henry Li et al.
	Group Art Unit	2748 2661
	Examiner Name	To be Assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
				RECEIVED
gv		4,285,060	08-18-1981	Cobb et al.
		5,329,587	07-12-1994	Morgan et al. AUG 20 2002
		5,388,127	02-07-1995	Scarpa Technology Center 2600
		5,454,015	09-26-1995	Olafsson
		5,598,468	01-28-1997	Ammicht et al.
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EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

<p>EXAMINER SIGNATURE</p> 	<p>DATE CONSIDERED</p> <p style="text-align: center;">3/27/04</p>
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36713/PAN/B600

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Applicant(s)

Henry Li et al.

Group Art Unit

27482/1 Technology Center 2600

Examiner Name

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INFORMATION DISCLOSURE

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OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
J		R. W. LUCKY, <i>QAM Receiver I. General Description of Complete Receiver Block Diagram and Details of the Symbol Clock Recovery and Other Front-End Subsystems</i> , Applications of Communications Theory, Chapter 13, pages 127-135, Bellcore
		R. W. LUCKY, <i>QAM Receiver II. The Passband Adaptive Equalizer and Carrier Recovery System</i> , Applications of Communications Theory, Chapter 14, Pages 137-151, Bellcore
		EDWARD A. LEE et al., <i>Adaptive Equalization</i> , Digital Communication, Chapter 9, pages 371-402
		EDWARD A. LEE et al., <i>Timing Recovery</i> , Digital Communication, Chapter 15, Pages 560-582
		WILLIAM WEBB et al., <i>Basic Equaliser Techniques</i> , Modern Quadrature Amplitude Modulation, Principles and Applications for Fixed and Wireless Communications, IEEE Press, New York, Chapter 7, Pages 197-211
		MIKE GRAY, <i>FAX Technology Tutorial and Testing Issues</i> , Agilent Technologies, © 2000, pages 1-20
		<i>FAX Over IP Opportunities and Options</i> , Natural MicroSystems, 7 sheets
		MAN MOHAN SONDHAI et al., <i>Silencing Echoes on the Telephone Network</i> , Proceedings of the IEEE, © August 1980, Vol. 68, No. 8, pages 948-963
		JOHN G. PROAKIS, <i>Digital Signaling Over a Channel With Intersymbol Interference</i> , Digital Communications, ISBN 0-07-05097-1, © 1983, Pages 357-381, McGraw-Hill, Inc.
		JOHN A.C. BINGHAM, <i>Timing Recovery</i> , The Theory and Practice of Modem Design, © 1988, Chapter 7, pages 189-236, John Wiley & Sons, Inc.
J		JOHN A.C. BINGHAM, <i>Linear Adaptive Equalizers</i> , The Theory and Practice of Modem Design, © 1988, Chapter 8, pages 237-252, John Wiley & Sons, Inc.

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Attorney Docket Number

36713/PAN/B600

Application Number

09/522,185

Filing Date

March 9, 2000

Applicant(s)

Henry Li et al.

Group Art Unit

2748/26/1

Examiner Name



To be Assigned

INFORMATION DISCLOSURE

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OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		DENNIS R. MORGAN et al., AT & T Bell Laboratories; <i>A Multi-Tone Pseudo-Cascade Filtered-X LMS Adaptive Notch Filter</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing, ICASSP 91, Vol. 3 D, May 1991, Toronto, Ontario, Canada, pages 2093-2096
		PANOS E. PAPAMICHALIS, Texas Instruments, Inc., <i>Practical Approaches to Speech Coding</i> , Prentice-Hall, Inc., Englewood Cliffs, New Jersey; 1992, pages 163-167
		JAMES THI et al., AT & T Bell Laboratories; <i>A Broadband Pseudo-Cascade Active Control System</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing; © 1992 IEEE; pp. II-233-II-236
		DENNIS R. MORGAN et al., AT & T Bell Laboratories, <i>A Multitone Pseudocascade Filtered-X LMS Adaptive Notch Filter</i> , IEEE Transactions on Signal Processing, Vol. 41, No. 2; © February 1993; pages 946-956
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU; <i>Data Communication Over The Telephone Network, A Modem Operating At Data Signalling Rates Of Up To 28 800 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits</i> , ITU-T Recommendation V.34; © ITU 1994; 43 sheets
		IEEE; IEEE Standards for Local and Metropolitan Area Networks: Supplement to Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications, "Media Access Control (MAC) Parameters, Physical Layer, Medium Attachment Units, and Repeater for 100 Mb/s Operation, Type 100BASE-T (Clauses 21-30); © 1995; 408 sheets
		DENNIS R. MORGAN et al., <i>A Delayless Subband Adaptive Filter Architecture</i> , IEEE Transactions on Signal Processing; Vol. 43, No. 8; © August 1995, pages 1819-1830
		EDWARD B. MORGAN, Fax Over Packet; Telogy Networks, Inc., Germantown, Maryland; © 1998; pages 1-12

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FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

Attorney Docket Number

36713/PAN/B600

Application Number

09/522,185

Filing Date

March 9, 2000

Applicant(s)

Henry Li et al.

Group Art Unit

27482/6

Examiner Name



To be Assigned

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

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OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, <i>Automatic Level Control Devices</i> ; ITU-T Recommendation G.169; © ITU 1999; pages 1-52
		ETSI EN 300 973, GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS, <i>Digital cellular telecommunications system (Phase 2+); Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels</i> ; GSM 06.42 version 8.0.1 Release 1999); © 2000; pages 1-22

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FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

36713/RRT/B600

Application Number

09/522,185

Filing Date

March 9, 2000

Applicant(s)

Henry Li, et al.


Group Art Unit

2661

Examiner Name

David Robert Vincent

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		US 5,491,565	02-13-1996	Naper
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				Technology Center 2600


FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS

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Applicant(s)

Henry Li, et al.

Group Art Unit

2661

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<i>g</i>		5,491,565	02-13-1996	Naper
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				MAR 08 2004
				Technology Center 2600

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

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FORM PTO-1449

**INFORMATION DISCLOSURE
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Attorney Docket Number	36713/CAG
Application Number	09/522,185
Filing Date	March 9, 2000
Applicant(s)	Henry Li, et al.
Group Art Unit	2748 2661
Examiner Name	To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	5,452,289	09/1995	Sharma et al.	370	32.1	
<i>JS</i>	5,471,470	11/1995	Sharma et al.	370	81	
<i>JS</i>	5,577,041	11/1996	Sharma et al.	370	79	
<i>JS</i>	5,600,649	02/1997	Sharma et al.	370	435	
<i>JS</i>	5,764,627	06/1998	Sharma et al.	370	271	
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Attorney Docket Number 36713/CAG/B600 8

Application Number 09/522,185 8/2/01

Filing Date March 9, 2000 (NB)

Applicant(s) Henry Li, et al.

Group Art Unit 2748 2661

Examiner Name To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>a</i>	5,119,322	06/1992	Stroobach	364	724.09	
	5,353,346	10/1994	Cox et al.	379	386	
	5,535,271	07/1996	Jangi et al.	379	351	
	5,694,517	12/1997	Sugino et al.	395	2.17	
	5,793,498	08/1998	Scholl et al.	358	434	
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	5,970,441	10/1999	Mekuria	704	207	
	5,987,061	11/1999	Chen	375	222	
	6,028,679	02/2000	Murphy	358	407	
	6,023,470	02/2000	Lee et al.	370	401	
	6,141,341	10/2000	Jones et al.	370	352	
<i>a</i>	6,151,636	11/2000	Schuster et al.	709	247	

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EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>a</i>	WO 97/26753	07/1997	WIPO				
<i>a</i>	WO 97/28628	08/1997	WIPO				

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FORM PTO-1449

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Applicant(s)	Henry Li, et al.
Group Art Unit	2748-2661
Examiner Name	To be assigned

OTHER DOCUMENTS

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	INTERNATIONAL TELECOMMUNICATION UNION, CCITT- The International Telegraph and Telephone Consultative Committee, Data Communication Over the Telephone Network, "A2-Wire Modem for Facsimile Applications With Rates up to 14 400 bit's" Recommendation, 1991, 13 pages, V. 17, ITU, Geneva
	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T- Telecommunication Standardization Sector of ITU, SERIES T: TERMINAL EQUIPMENTS AND PROTOCOLS FOR TELEMATIC SERVICES, "Procedures for Document Facsimile Transmission in the General Switched Telephone Network," ITU-T Recommendation, 07/1996, 74 pages, T.30, ITU
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	INTERNATIONAL TELECOMMUNICATION UNION, CCITT The International Telegraph and Telephone Consultative Committee, Data Communication Over the Telephone Network, "Data Compression Procedures For Data Circuit Terminating Equipment (DCE) Using Error Correction Procedures," ITU-T Recommendation, 1990, 29 pages, V.42 bis, ITU

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CONSIDERED

3/27/04

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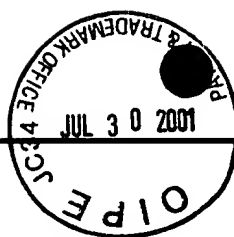
Attorney Docket Number	36713/CAG/B600
Application Number	09/522,185
Filing Date	March 9, 2000
Applicant(s)	Henry Li, et al.
Group Art Unit	2748
Examiner Name	To be assigned

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OTHER DOCUMENTS

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<i>g</i>	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, SERIES T: TERMINAL EQUIPMENTS AND PROTOCOLS FOR TELEMATIC SERVICES, "Standardization of Group 3 Facsimile Terminals for Document Transmission," ITU-T Recommendation, 07/1996, 61 pages, T.4, ITU
<i> </i>	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over the Telephone Network, Simultaneous Transmission of Data and Other Signals, "A Digital Modem and Analogue Modem Pair For Use on the Public Switched Telephone Network (PSTN) at Data Signalling Rates of up to 56 000 bit/s Downstream and up to 33 600 bit/s Upstream," ITU-T Recommendation, 09/1998, 49 pages, V.90, ITU
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FORM PTO-1449

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STATEMENT BY APPLICANT**

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Attorney Docket Number	36713/CAG/B600
Application Number	09/522,185
Filing Date	March 9, 2000
Applicant(s)	Henry Li, et al.
Group Art Unit	2748 2661
Examiner Name	To be assigned

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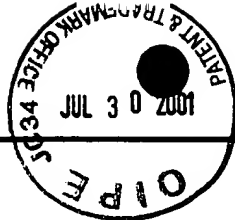
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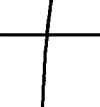
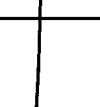



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